

Application No.: 10/500,367

Docket No.: 22106-00062-US1

AMENDMENTS TO THE SPECIFICATION

Please enter the following amendments to the specification.

Please amend the heading at the top of page 1 as follows:

DESCRIPTION BACKGROUND

Please insert the following heading between lines 13 and 14 of page 2:

SUMMARY

Please amend the paragraph on page 4, lines 1-6 as follows:

Further characteristics and advantages of the method according to the present invention will become better apparent hereinafter with reference to the description given hereafter and to the accompanying drawings, given merely by way of ~~non-limitative example~~ non-limiting examples and wherein the only ~~figure is a~~ figures are schematic views of a system for welding components of thermostatic units provided according to the invention.

Please insert the following headings and paragraphs between lines 6 and 7 of page 4:

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1 is a schematic view of a system for welding components of thermostatic units according to one embodiment.

FIG. 2 is a schematic view of a system for welding components of thermostatic units according to another embodiment.

DETAILED DESCRIPTION

Please amend the paragraph on page 4, lines 7-16 as follows:

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In the accompanying ~~figure~~ Figure 1, the bimetallic element is designated by the reference numeral 1. Said element is constituted by a lamina with a first face 10 and a second face 20. A connection element, for example the connection of a thermostatic system or relay, is designated by the reference numeral 2. The connection element 2 has a flat end part with a third face 30 and a fourth face 40. The end part of the first face 10 of the bimetallic element is superimposed and coupled to the third face 30 of the end part of the connection element. The end part of the second face 20 of the bimetallic element is subjected to the welding action of laser means 50, so as to provide a weld between the bimetallic element and the said connection element.

Please amend the paragraph on page 5, lines 18-20 as follows:

In this last case, the end part of the connecting braids must be machined and shaped appropriately so as to allow coupling to one face of the bimetallic element and its welding thereto. Figure 2 (in which reference numerals repeated from Figure 1 indicate similar features), illustrates an embodiment in which a connection element 2a is a connecting braid.